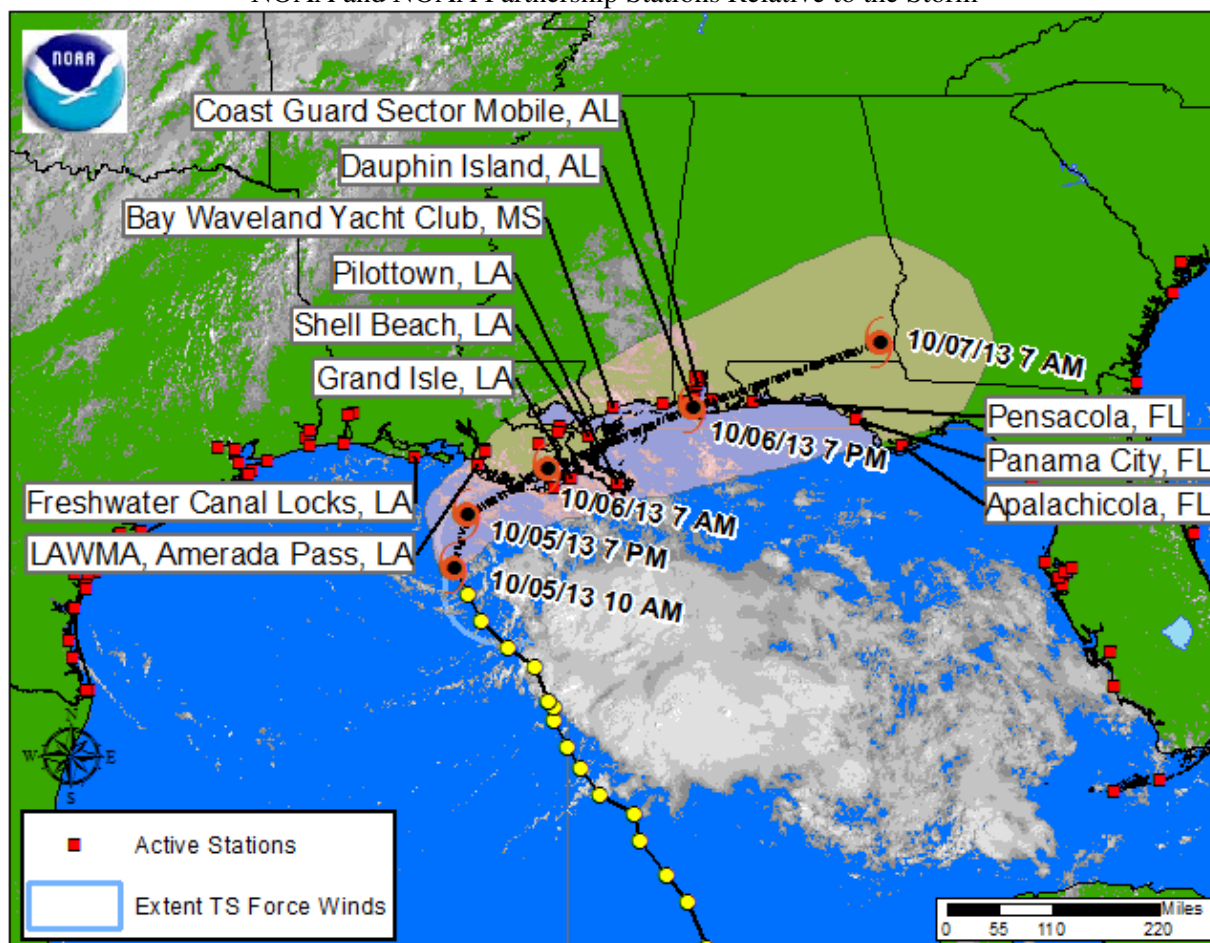


Tropical Storm KAREN QuickLook
Posted: 11:00 CDT 10/05/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 10/05/2013 11:00 CDT, water levels across the northern Gulf of Mexico from southcentral Louisiana to the Florida panhandle are generally elevated 0.5 and 1.5 feet above predicted tide levels with higher residuals at Freshwater Canal Locks where water levels are 2.2 feet above tide predictions. Winds are measuring between 5 and 15 knots along the northern Gulf coast. Barometric pressure is steady or slightly decreasing across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water (MLLW) are:

Freshwater Canal Locks, LA: Next predicted high tides are 2.0 ft (0.62 m) at 10/05/2013 15:34 CDT and 1.7 ft (0.51 m) at 10/06/2013 02:52 CDT.

Tropical Storm KAREN QuickLook, POSTED 11:00 CDT 10/05/2013

LAWMA, Amerada Pass, LA: Next predicted high tides are 1.4 ft (0.44 m) at 10/05/2013 17:32 CDT and 1.1 ft (0.35 m) at 10/06/2013 04:07 CDT.

Grand Isle, LA: Next predicted high tides are 1.3 ft (0.40 m) at 10/05/2013 22:38 CDT and 1.4 ft (0.44 m) at 10/06/2013 23:11 CDT.

Pilottown, LA: Next predicted high tides are 0.9 ft (0.26 m) at 10/05/2013 23:00 CDT and 1.0 ft (0.30 m) at 10/06/2013 23:25 CDT.

Shell Beach, LA: Next predicted high tides are 0.9 ft (0.27 m) at 10/05/2013 19:56 CDT and 1.2 ft (0.36 m) at 10/06/2013 04:01 CDT.

Bay Waveland Yacht Club, MS: Next predicted high tides are 1.8 ft (0.56 m) at 10/06/2013 00:42 CDT and 2.0 ft (0.63 m) at 10/07/2013 01:06 CDT.

Coast Guard Sector Mobile, AL: Next predicted high tides are 1.3 ft (0.40 m) at 10/06/2013 00:04 CDT and 1.5 ft (0.45 m) at 10/07/2013 00:43 CDT.

Dauphin Island, AL: Next predicted high tides are 1.5 ft (0.44 m) at 10/05/2013 22:59 CDT and 1.6 ft (0.49 m) at 10/06/2013 23:34 CDT.

Pensacola, FL: Next predicted high tides are 1.5 ft (0.46 m) at 10/05/2013 23:31 CDT and 1.7 ft (0.51 m) at 10/07/2013 00:02 CDT.

Panama City, FL: Next predicted high tides are 1.5 ft (0.46 m) at 10/05/2013 22:33 CDT and 1.6 ft (0.51 m) at 10/06/2013 23:05 CDT.

Apalachicola, FL: Next predicted high tides are 1.7 ft (0.53 m) at 10/05/2013 17:34 EDT and 1.8 ft (0.57 m) at 10/06/2013 04:20 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: AJH

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM KAREN ADVISORY NUMBER 10
NWS NATIONAL HURRICANE CENTER MIAMI FL
1000 AM CDT SAT OCT 05 2013

...KAREN EXPECTED TO MOVE OVER SOUTHEASTERN LOUISIANA TONIGHT AND EARLY SUNDAY...

WATCHES AND WARNINGS

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* MORGAN CITY LOUISIANA TO THE MOUTH OF THE PEARL RIVER

A TROPICAL STORM WATCH IS IN EFFECT FOR...

* METROPOLITAN NEW ORLEANS

* LAKE MAUREPAS

* LAKE PONTCHARTRAIN

* EAST OF THE MOUTH OF THE PEARL RIVER TO INDIAN PASS FLORIDA

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA.

INTERESTS ELSEWHERE ALONG THE NORTHEASTERN COAST OF THE GULF OF MEXICO SHOULD MONITOR THE PROGRESS OF KAREN.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1000 AM CDT THE CENTER OF TROPICAL STORM KAREN WAS LOCATED ABOUT 180 MI WSW OF THE MOUTH OF THE MISSISSIPPI RIVER. KAREN IS MOVING TOWARD THE NORTH NEAR 7 MPH. A TURN TOWARD THE NORTHEAST IS EXPECTED BY TONIGHT...FOLLOWED BY A FASTER MOTION TOWARD THE EAST-NORTHEAST SUNDAY NIGHT AND MONDAY. ON THE FORECAST TRACK THE CENTER OF KAREN WILL MOVE NEAR OR OVER PORTIONS OF SOUTHEASTERN LOUISIANA TONIGHT AND EARLY SUNDAY AND PASS NEAR THE COAST OF MISSISSIPPI AND ALABAMA SUNDAY AND SUNDAY NIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 40 MPH WITH HIGHER GUSTS...AND THESE WINDS ARE LIKELY OCCURRING WELL TO THE EAST AND SOUTHEAST OF THE CENTER IN RAINBANDS. KAREN IS FORECAST TO WEAKEN TO A TROPICAL DEPRESSION ON SUNDAY.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 115 MILES MAINLY IN RAINBANDS WELL TO THE EAST AND SOUTHEAST OF THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1008 MB...29.77 INCHES.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN PORTIONS OF THE WARNING AREA BY THIS AFTERNOON. TROPICAL STORM CONDITIONS ARE POSSIBLE IN PORTIONS OF THE WATCH AREA TONIGHT AND SUNDAY.

STORM SURGE...THE COMBINATION OF STORM SURGE AND THE TIDE WILL CAUSE

Tropical Storm KAREN QuickLook, POSTED 11:00 CDT 10/05/2013

NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING HEIGHTS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

TERREBONNE BAY LOUISIANA TO CEDAR KEY FLORIDA...1 TO 3 FT

THE HIGHEST WATER WILL OCCUR ALONG THE IMMEDIATE COAST...WHERE THE SURGE WILL BE ACCOMPANIED BY DANGEROUS WAVES. SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

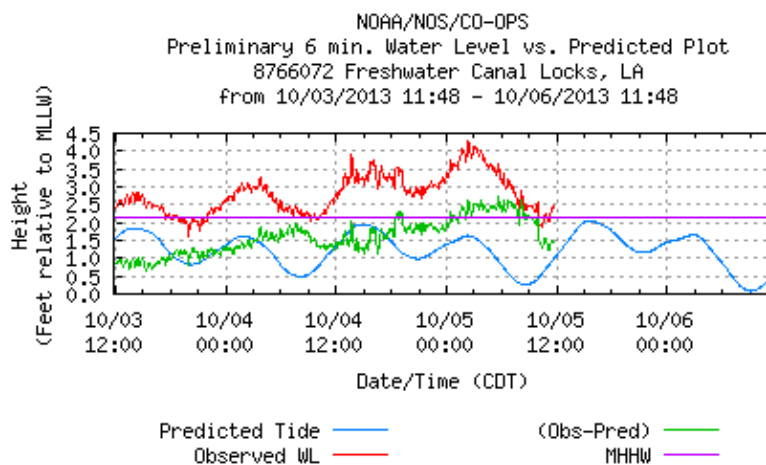
RAINFALL...KAREN IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 1 TO 3 INCHES OVER PORTIONS OF THE CENTRAL GULF COAST AND SOUTHEAST UNITED STATES THROUGH MONDAY EVENING...MAINLY NEAR AND TO THE RIGHT OF THE PATH OF THE CENTER. ISOLATED STORM TOTAL AMOUNTS OF 6 INCHES ARE POSSIBLE.

FORECASTER BRENNAN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

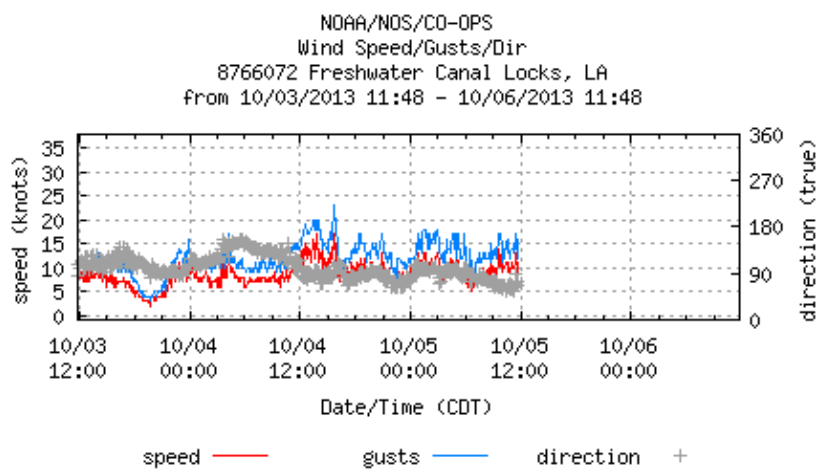
Jump to: [Freshwater Canal Locks - Water Level](#), [Freshwater Canal Locks - Winds](#), [LAWMA, Amerada Pass - Water Level](#), [LAWMA, Amerada Pass - Winds](#), [Grand Isle - Water Level](#), [Grand Isle - Winds](#), [Pilottown - Water Level](#), [Pilottown - Winds](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Coast Guard Sector Mobile - Water Level](#), [Coast Guard Sector Mobile - Winds](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#)

Freshwater Canal Locks, LA - Return to List



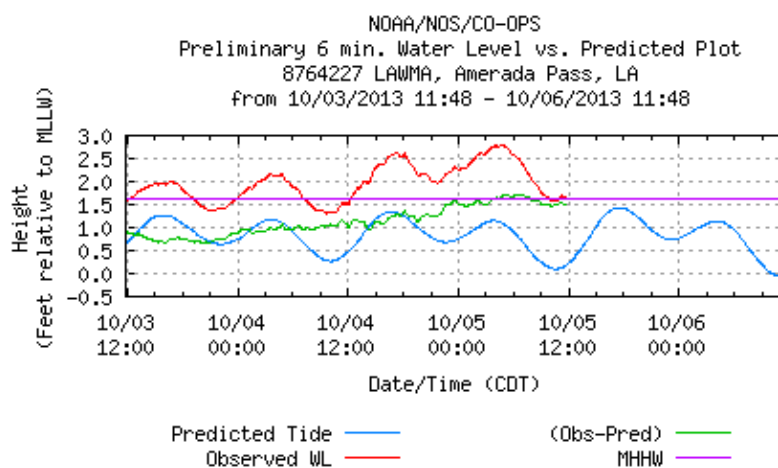
Last Observed Sample: 10/05/2013 11:48 (CDT)
Relative to MLLW: **Observed: 2.54 ft.** **Predicted: 1.03 ft.** **Residual: 1.51 ft.**
Historical Maximum Water Level: Sep 12 2008, 10.13 ft. above MLLW

Freshwater Canal Locks, LA - Return to List



Last Observed Sample: 10/05/2013 11:48 (CDT)
Wind Speed: 9 knots **Gusts: 12 knots** **Direction: 76° T**

LAWMA, Amerada Pass, LA - Return to List

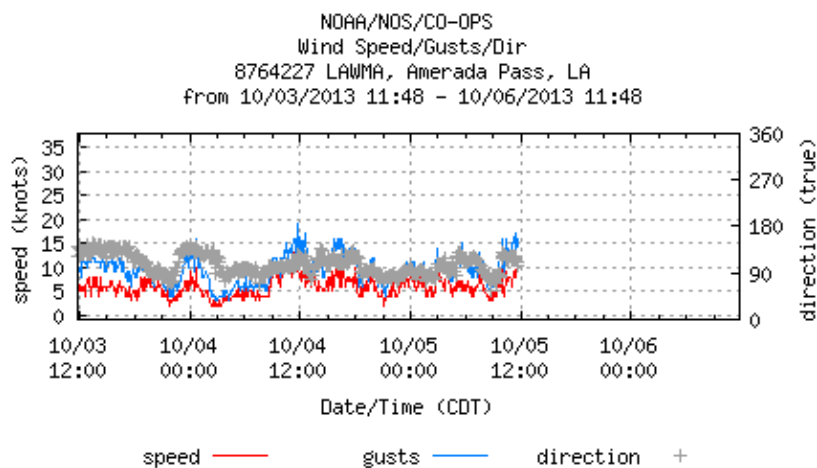


Last Observed Sample: 10/05/2013 11:48 (CDT)

Relative to MLLW: **Observed: 1.71 ft.** **Predicted: 0.20 ft.** **Residual: 1.51 ft.**

Historical Maximum Water Level: Sep 12 2008, 7.50 ft. above MLLW

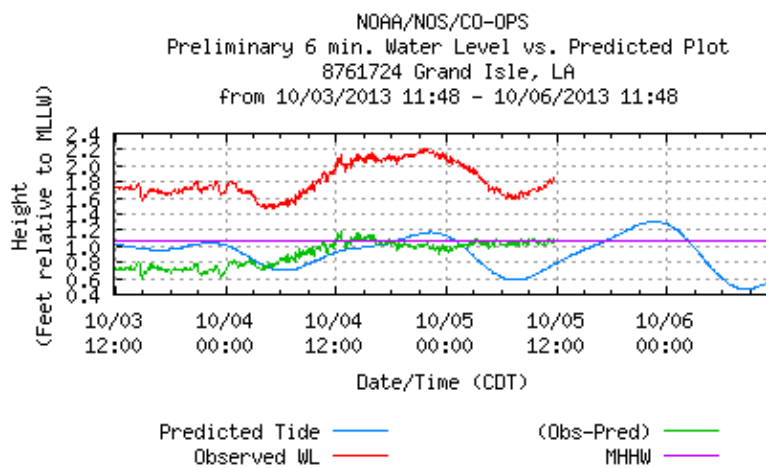
LAWMA, Amerada Pass, LA - Return to List



Last Observed Sample: 10/05/2013 11:48 (CDT)

Wind Speed: 11 knots **Gusts: 15 knots** **Direction: 107° T**

[Grand Isle, LA - Return to List](#)

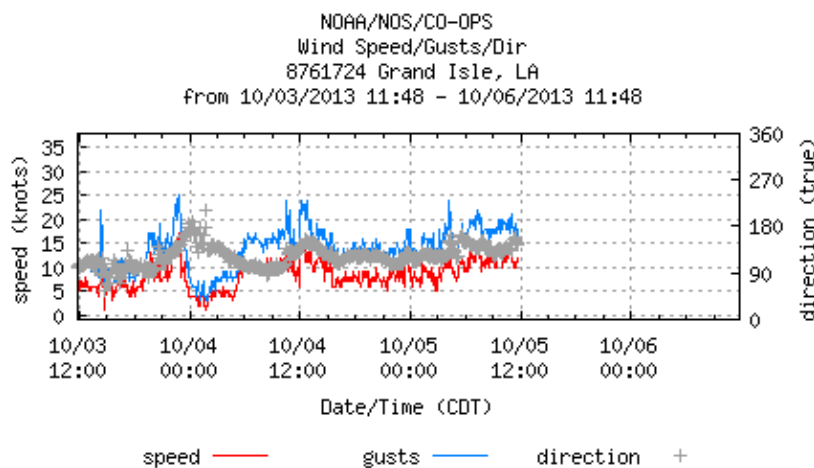


Last Observed Sample: 10/05/2013 11:48 (CDT)

Relative to MLLW: **Observed: 1.84 ft.** **Predicted: 0.78 ft.** **Residual: 1.06 ft.**

Historical Maximum Water Level: Aug 29 2005, 5.59 ft. above MLLW

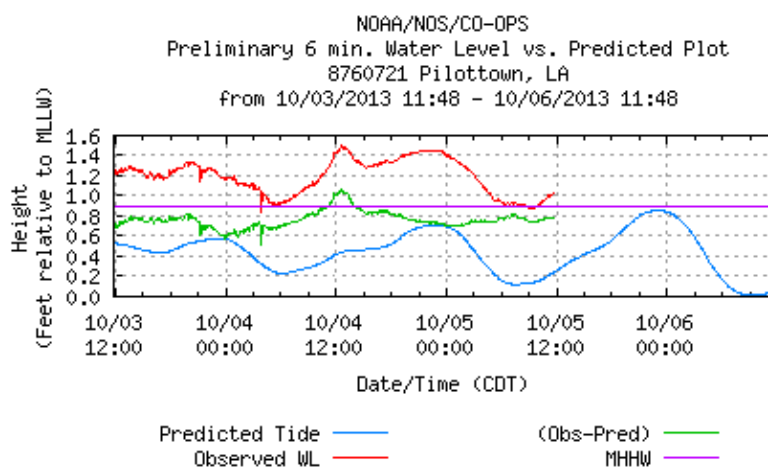
[Grand Isle, LA - Return to List](#)



Last Observed Sample: 10/05/2013 11:48 (CDT)

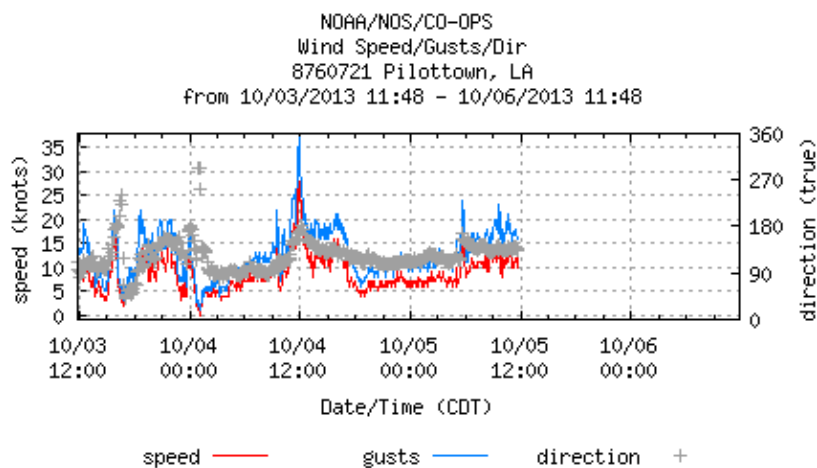
Wind Speed: 11 knots **Gusts: 17 knots** **Direction: 147° T**

Pilottown, LA - Return to List



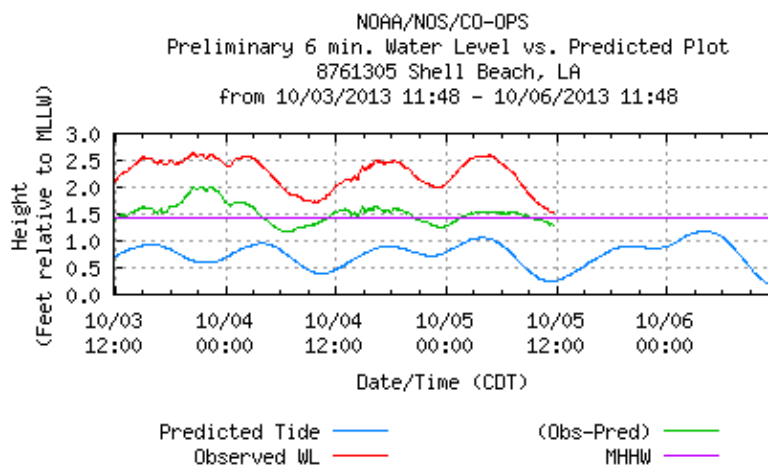
Last Observed Sample: 10/05/2013 11:48 (CDT)
Relative to MLLW: **Observed: 1.02 ft.** **Predicted: 0.25 ft.** **Residual: 0.77 ft.**
Historical Maximum Water Level: n/a

Pilottown, LA - Return to List



Last Observed Sample: 10/05/2013 11:48 (CDT)
Wind Speed: 14 knots **Gusts: 18 knots** **Direction: 136° T**

[Shell Beach, LA - Return to List](#)

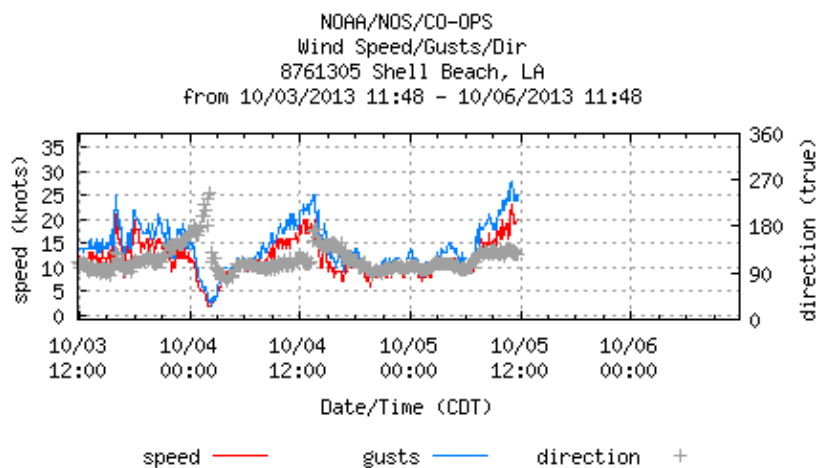


Last Observed Sample: 10/05/2013 11:48 (CDT)

Relative to MLLW: **Observed: 1.53 ft.** **Predicted: 0.25 ft.** **Residual: 1.28 ft.**

Historical Maximum Water Level: Aug 29 2012, 10.88 ft. above MLLW

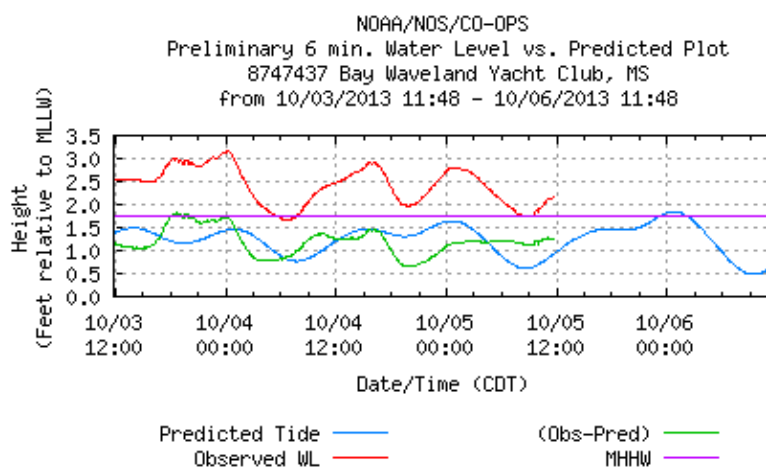
[Shell Beach, LA - Return to List](#)



Last Observed Sample: 10/05/2013 11:48 (CDT)

Wind Speed: 16 knots **Gusts: 23 knots** **Direction: 132° T**

Bay Waveland Yacht Club, MS - Return to List

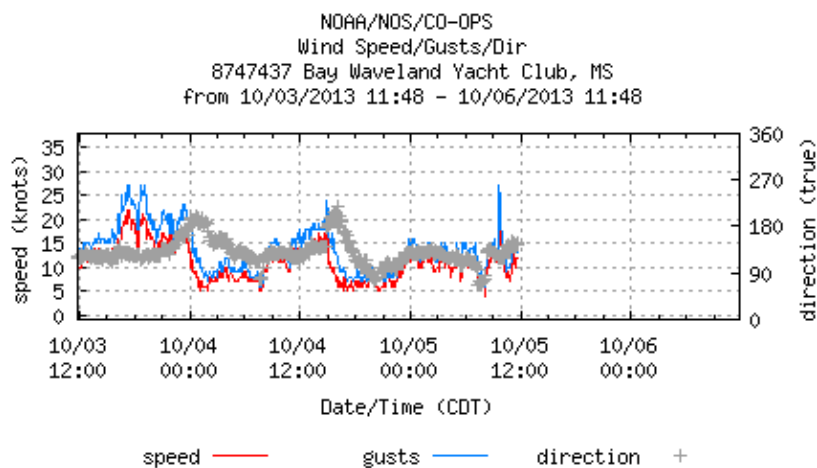


Last Observed Sample: 10/05/2013 11:48 (CDT)

Relative to MLLW: **Observed: 2.18 ft.** **Predicted: 0.95 ft.** **Residual: 1.23 ft.**

Historical Maximum Water Level: Sep 1 2008, 10.89 ft. above MLLW

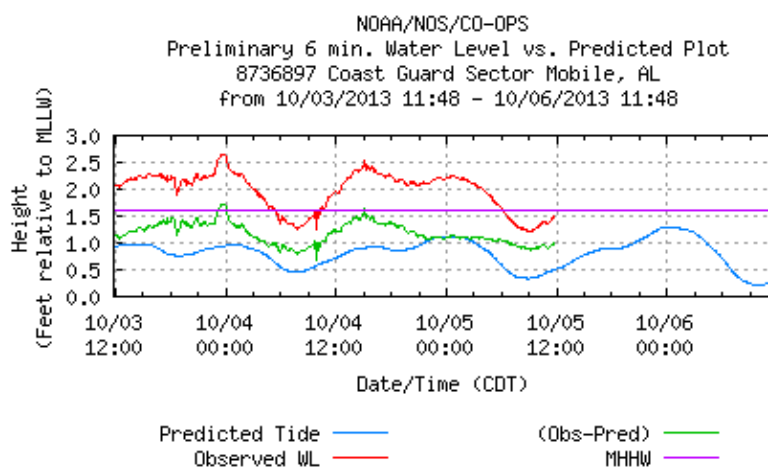
Bay Waveland Yacht Club, MS - Return to List



Last Observed Sample: 10/05/2013 11:48 (CDT)

Wind Speed: 12 knots **Gusts: 14 knots** **Direction: 143° T**

Coast Guard Sector Mobile, AL - Return to List

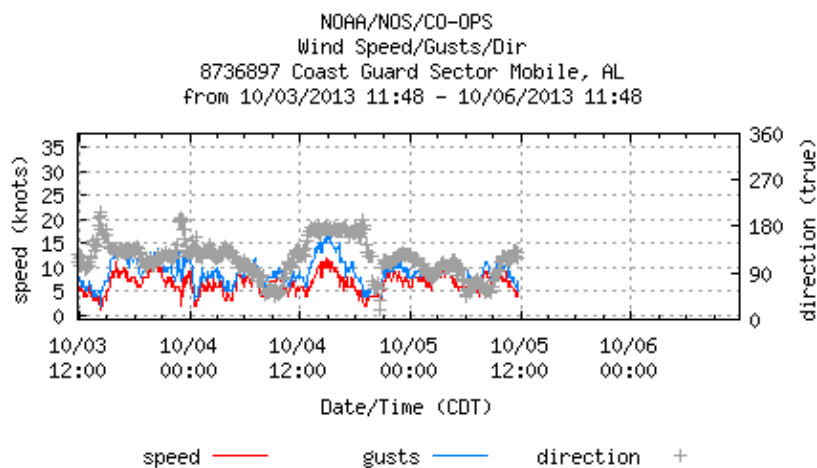


Last Observed Sample: 10/05/2013 11:48 (CDT)

Relative to MLLW: **Observed: 1.52 ft.** **Predicted: 0.51 ft.** **Residual: 1.01 ft.**

Historical Maximum Water Level: Sep 1 2008, 5.41 ft. above MLLW

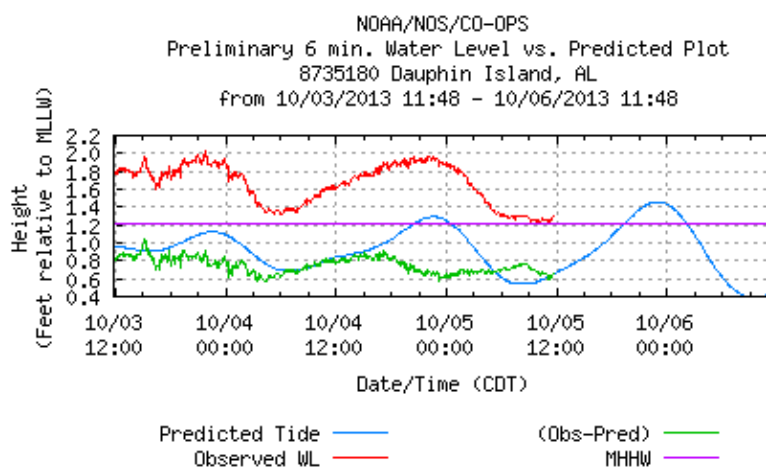
Coast Guard Sector Mobile, AL - Return to List



Last Observed Sample: 10/05/2013 11:48 (CDT)

Wind Speed: 4 knots **Gusts: 6 knots** **Direction: 151° T**

Dauphin Island, AL - Return to List

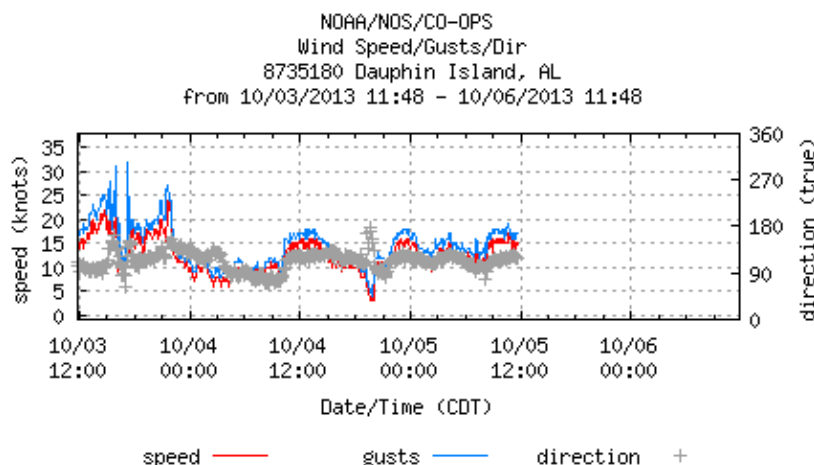


Last Observed Sample: 10/05/2013 11:48 (CDT)

Relative to MLLW: **Observed: 1.32 ft.** **Predicted: 0.66 ft.** **Residual: 0.66 ft.**

Historical Maximum Water Level: Sep 16 2004, 7.14 ft. above MLLW

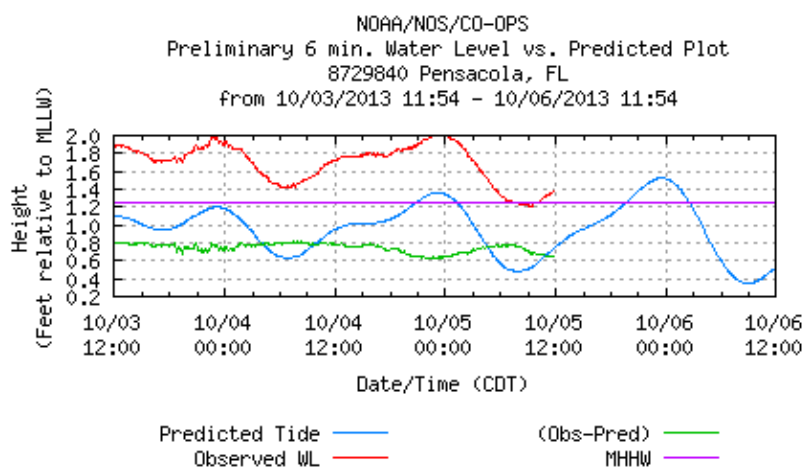
Dauphin Island, AL - Return to List



Last Observed Sample: 10/05/2013 11:48 (CDT)

Wind Speed: 13 knots **Gusts: 18 knots** **Direction: 114° T**

Pensacola, FL - Return to List

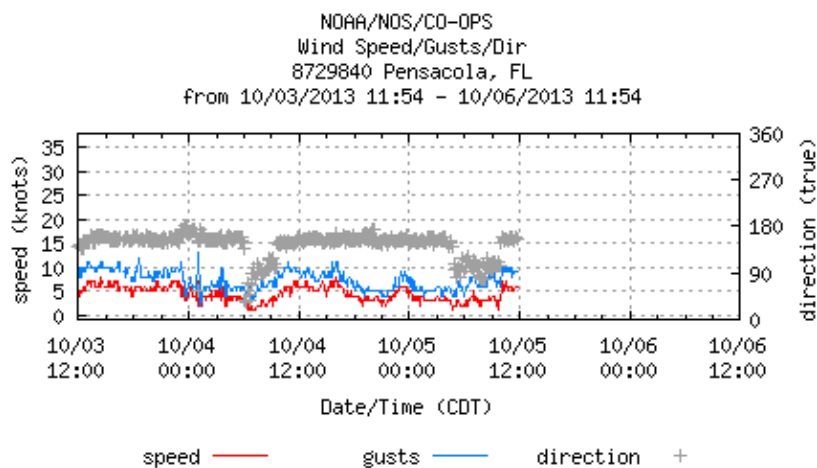


Last Observed Sample: 10/05/2013 11:48 (CDT)

Relative to MLLW: **Observed: 1.38 ft.** **Predicted: 0.74 ft.** **Residual: 0.64 ft.**

Historical Maximum Water Level: Sep 18 1926, 8.67 ft. above MLLW

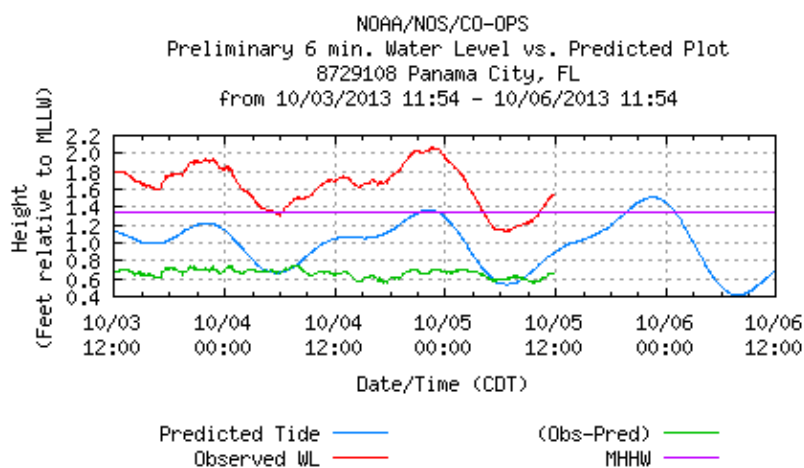
Pensacola, FL - Return to List



Last Observed Sample: 10/05/2013 11:48 (CDT)

Wind Speed: 6 knots **Gusts: 9 knots** **Direction: 156° T**

Panama City, FL - Return to List

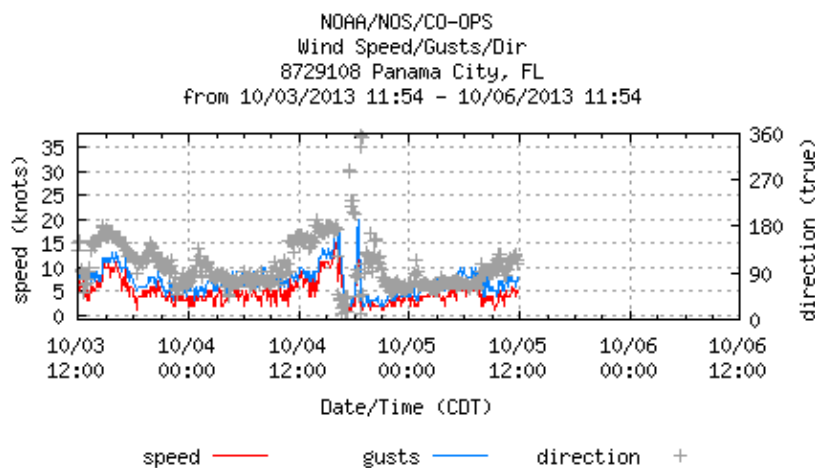


Last Observed Sample: 10/05/2013 11:48 (CDT)

Relative to MLLW: **Observed: 1.54 ft.** **Predicted: 0.89 ft.** **Residual: 0.65 ft.**

Historical Maximum Water Level: Oct 4 1995, 7.06 ft. above MLLW

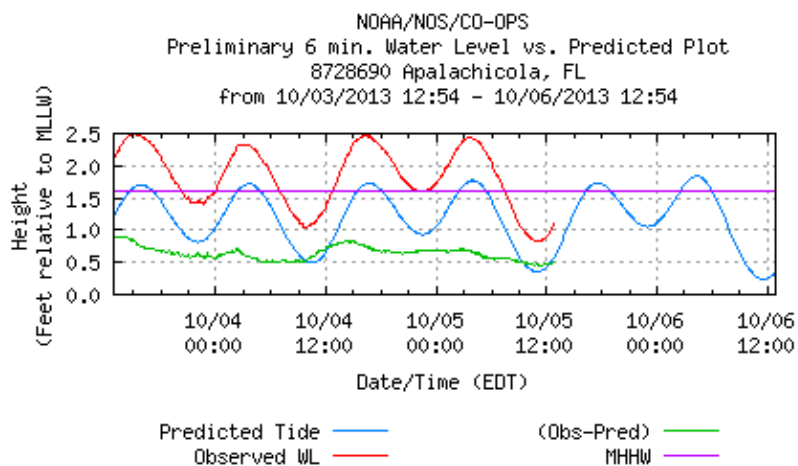
Panama City, FL - Return to List



Last Observed Sample: 10/05/2013 11:48 (CDT)

Wind Speed: 5 knots **Gusts: 7 knots** **Direction: 114° T**

Apalachicola, FL - Return to List

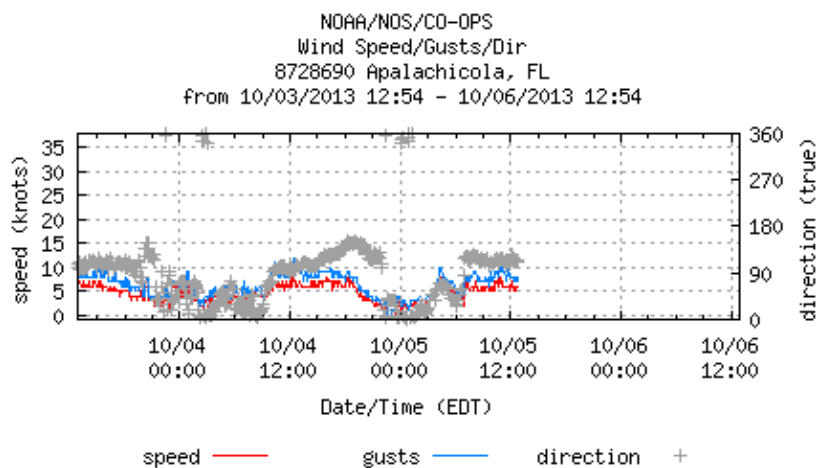


Last Observed Sample: 10/05/2013 12:48 (EDT)

Relative to MLLW: **Observed: 1.10 ft.** **Predicted: 0.58 ft.** **Residual: 0.52 ft.**

Historical Maximum Water Level: Jul 10 2005, 8.04 ft. above MLLW

Apalachicola, FL - Return to List



Last Observed Sample: 10/05/2013 12:48 (EDT)

Wind Speed: 6 knots **Gusts: 7 knots** **Direction: 110° T**